



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Glenn McGall, Lisa Kajisa and Bradley A. Kreger

Serial No.: 09/871,610 Group Art Unit: Not assigned

Filed: June 1, 2001 Examiner: Not assigned

For: New Methods for Array Preparation Using Substrate Rotation

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on 3/18/02 Paula Depeltreau  
Date

Signature

PAULA DEPELTREAU  
Typed or printed name of person signing certificate

**APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS AND**  
**CHANGE OF CORRESPONDENCE ADDRESS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Affymetrix, Inc., a Corporation duly organized under the laws of the Delaware, is the assignee of the entire right, title and interest in the above-identified application. Affymetrix Inc. hereby appoints the attorneys and/or agents associated with:

Hamilton, Brook, Smith & Reynolds, P.C.  
530 Virginia Road  
P.O. Box 9133  
Concord, Massachusetts 01742-9133  
**Customer No. 21005**

to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office.

Please change the correspondence address for the above captioned patent as follows:  
All correspondence should be sent to Customer Number 21005, Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. Please

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direct all telephone calls to Lisa M. Treannie at (978) 341-0036, and all facsimile communications to Lisa M. Treannie at (978) 341-0136.

Certification under 37 C.F.R. §3.73(b) is submitted herewith.

Respectfully submitted,  
Affymetrix, Inc.

By   
Barbara A. Caulfield

Title Executive Vice President & General Counsel

Date JAN 18 2002



Docket No. 3281.1 719.2016-001 (018547-042110)

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicants: Glenn McCormick, Lisa Kajisa and Bradley A. Kreger

Application No.: 09/871,610 Filed: June 1, 2001

For: New Methods for Array Preparation Using Substrate Rotation

Affymetrix, Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is

A.  the assignee of the entire right, title and interest in the patent application identified above.

B.  an assignee together with [ ] of the entire right, title and interest in the patent application identified above. A separate Certificate under 37 CFR § 3.73(b) is attached.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

A.  An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frames \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frames \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are attached.

[ ] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: \_\_\_\_\_

Name: Barbara A. Caulfield

Title: Executive Vice President & General Counsel

Signature: Barbara A. Caulfield



EXPRESS MAIL LABEL NO. EL 769975536 US

**COPY**

**ASSIGNMENT OF PATENT APPLICATION**

**JOINT**

WHEREAS, Glenn McGall, of 750 No. Shoreline Blvd., #30, Mountain View, CA 94043; Lisa Kajisa, of 4644 Doyle Court, San Jose, CA 95129; Bradley A. Kreger, of 8506 Pinedrops Court, Elk Grove, CA 95624; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **NEW METHODS FOR ARRAY PREPARATION USING SUBSTRATE ROTATION**

Date(s) of execution of Declaration: 05/17/01, 05/17/01 and 05/30/01

Filing Date: **Herewith**

Application No.: **Unassigned**

WHEREAS, Affymetrix, Inc., a corporation of the state of Delaware, located at 3380 Central Expressway, Santa Clara, CA, 95051, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

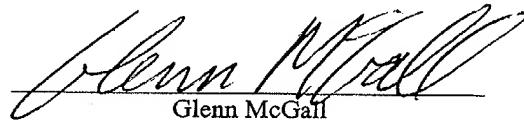
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

**— NOT FOR RECORDATION —**

Assignment  
Attorney Docket No.: 18547-042110US  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

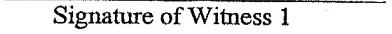
Dated: 5/24/01



Glenn McGall

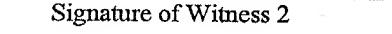
SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_



Signature of Witness 1

(2) Date: \_\_\_\_\_



Signature of Witness 2

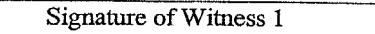
Dated: 5/17/01



Lisa Kajisa

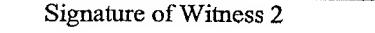
SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_



Signature of Witness 1

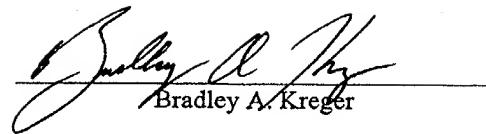
(2) Date: \_\_\_\_\_



Signature of Witness 2

Assignment  
Attorney Docket No.: 18547-042110US  
Page 3

Dated: 5/30/01



\_\_\_\_\_  
Bradley A. Kreger

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

(2) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 2

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